



## Uniform Schedule of Maximum Disposal Rates for Atlantic Compact Regional Waste

EFFECTIVE JULY 1, 2005

The Uniform Schedule of Maximum Disposal Rates for Atlantic Compact Regional Waste is a permanent ceiling on disposal rates applicable to Atlantic Compact waste that is adjusted each year in accordance with the Producer Price Index. South Carolina may charge Atlantic Compact generators less than the Uniform Maximum schedule, but cannot charge regional generators more than this rate.

### 1. BASE DISPOSAL CHARGES (not including surcharges)

#### A. Standard and Special-Nuclear-Material Waste:

a.)	<u>Weight – Density Range</u>	<u>Rate</u>
i.)	Equal to or greater than 120 lbs./ft <sup>3</sup>	\$ <b>5.231 per pound</b>
ii.)	Equal to or greater than 75 lbs./ft <sup>3</sup> and less than 120 lbs./ft <sup>3</sup>	\$ <b>5.754 per pound</b>
iii.)	Equal to or greater than 60 lbs./ft <sup>3</sup> and less than 75 lbs./ft <sup>3</sup>	\$ <b>7.062 per pound</b>
iv.)	Equal to or greater than 45 lbs./ft <sup>3</sup> and less than 60 lbs./ft <sup>3</sup>	\$ <b>9.155 per pound</b>
v.)	Less than 45 lbs./ft <sup>3</sup>	\$ <b>9.155 per pound</b> times the ratio of 45 lbs./ft <sup>3</sup> divided by package density
b.1)	Millicurie charge, <i>or</i>	\$ <b>.392 per millicurie</b>
b.2)	Millicurie charge	\$ <b>.786 per millicurie</b> for radionuclides with greater than 5-year half lives

*Note: Option b.1 will apply unless generator specifically elects option b.2 for all of its shipments at the beginning of a fiscal year.*

B.	Biological Waste	\$ <b>1.189 per pound</b> in addition to above rates
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NOTE 1: MAXIMUM MILLICURIE CHARGE IS \$156,952 PER SHIPMENT.

NOTE 2: THE MINIMUM CHARGE PER SHIPMENT, EXCLUDING SURCHARGES AND SPECIFIC OTHER CHARGES, IS \$1,000.00.

### 2. EXTENDED-CARE FUND

Included in Rates



**3. SITE STABILIZATION AND CLOSURE FUND**

Included in Rates

**4. SURCHARGES**

**A. Dose Rate Surcharge**

<u>Dose Level</u>		<u>Multiplier of Base Weight Rate</u>
0 mR/hr	- 200 mR/hr	1.00
>200 mR/hr	- 1 R/hr	1.08
>1R/hr	- 2R/hr	1.12
>2R/hr	- 3R/hr	1.17
>3R/hr	- 4R/hr	1.22
>4R/hr	- 5R/hr	1.27
>5R/hr	- 10R/hr	1.32
>10R/hr	- 25R/hr	1.37
>25R/hr	- 50R/hr	1.42
>50R/hr		1.48

**B. Irradiated Hardware Charges (See Note A under Miscellaneous)**

Per Shipment \$59,451

**C. Irradiated Cask-Handling Fee** Included in Item 4.B

**D. Special Nuclear Material Surcharge** \$11.888 per gram

**E. Atlantic Compact Commission administrative surcharge** \$6 per cubic foot  
(Subject to change during year)

**5. MISCELLANEOUS**

A. Irradiated hardware: As a general rule, billing as irradiated hardware pertains to shipments of exceptionally high activity that require clearing of the site and special off-loading into a slit trench. These generally include CNS3-55, TN-RAM, and other horizontally offloaded cask shipments. In addition to items of irradiated hardware, shipments considered irradiated hardware, for purposes of disposal, have included certain sealed sources and materials with exceptionally high levels of radioactivity.

**B. Large components (e.g., steam generators, reactor pressure vessels, coolant pumps)**

Disposal fees for large components (e.g., steam generators, reactor pressure vessels, reactor coolant pumps) are based on the generally applicable rates, in their entirety, except that the weight and volume used to determine density and weight related charges is calculated as follows:

1. For packages where the large component shell qualifies as the disposal vault per DHEC regulations, weight and volume calculations are based on all sub-components and material contained within the inside surface of the large component shell, including all internals and any stabilization media injected by the shipper, but excluding the shell itself and all incidental external attachments required for shipping and handling; and

2. For packages with a separate shipping container that qualifies as the disposal vault per DHEC regulations, weight and volume calculations are based on the large component, all sub-components and material contained within the inside surface of the shipping container, including any stabilization



***Pursuant to 48-46-40(A)(2), S.C.C.***

media injected by the shipper (including that between the large component and the shipping container), but excluding the shipping container itself and all incidental external attachments required for shipping and handling.

- C. Transport vehicles with additional shielding features may be subject to an additional handling fee which will be provided upon request.
- D. Decontamination services, if required: \$150 per man hour, plus supplies at current CNS rate.
- E. Customers may be charged for all special services as described in the Barnwell Site Disposal Criteria.
- F. Terms of payment are net 30 days upon presentation of invoices. A per-month service charge of one and one-half percent (1½%) shall be levied on accounts not paid within thirty (30) days.
- G. Company purchase orders or a written letter of authorization in form and substance acceptable to CNS shall be received before receipt of radioactive waste material at the Barnwell Disposal Site and shall refer to CNS Radioactive Material License, the Barnwell Site Disposal Criteria and subsequent changes thereto.
- H. All shipments shall receive a CNS shipment identification number and conform to the Prior Notification Plan.
- I. All radioactive waste shall be packaged in accordance with Department of Transportation and Nuclear Regulatory Commission Regulations in Title 49 and Title 10 of the Code of Federal Regulations, Chem-Nuclear Systems, L.L.C.'s South Carolina Radioactive Material Licenses, Chem-Nuclear Systems, L.L.C.'s Barnwell Site Disposal Criteria, and amendments thereto.